ZNF330 siRNA – Zinc Finger Protein 330 (Mouse)

PRODUCT OVERVIEW

Product Name	ZNF330, siRNA
Full Product Name	ZNF330 siRNA (Mouse)
Product Gene Name	ZNF330 sirna
Product Synonym Names	NOA36; ZFP330; Zinc finger protein 330; Nucleolar autoantigen 36; Nucleolar cysteine-rich protein
Host	Synthetic
Species Reactivity	Mouse
Form/Format	Lyophilized powder
Purity/Purification	> 97%
Specificity	ZNF330 siRNA (Mouse) is a target-specific 19-23 nt siRNA oligo duplexes designed to knock down gene expression.
Preparation and Storage	Shipped at 4 degree C. Store at -20 degree C for one year.
Molecular Weight	34,894 Da
3D Structure	ModBase 3D Structure for Q922H9
Negative Control	siRNA Negative Control (Catalog# MBS8241404) is a non-targeting 21 nt siRNA recommended as a negative control for experiments using targeted siRNA transfection.
Quality Control	Oligonucleotide synthesis is monitored base by base through trityl analysis to ensure appropriate coupling efficiency. The oligo is subsequently purified by affinity-solid phase extraction. The annealed RNA duplex is further analyzed by mass spectrometry to verify the exact composition of the duplex. Each lot is compared to the previous lot by mass spectrometry to ensure maximum lot-to-lot consistency.
Directions for Use	We recommends transfection with 100 nM siRNA 48 to 72 hours prior to cell lysis. Before resuspending, briefly centrifuge the tube to ensure the lyophilized siRNA is at the bottom of the tube. Resuspend the siRNA oligos to an appropriate concentration with DEPC water. For each vial, suitable for 250 transfections in 24 well plate (20 pmol for each well).
Components	We offer pre-designed sets of 3 different target-specific siRNA oligo duplexes of mouse ZNF330 gene. Each vial contains 5 nmol of lyophilized siRNA. The duplexes can be transfected individually or pooled together to achieve knockdown of the target gene, which is most commonly assessed by qPCR or western blot. Our siRNA oligos are also chemically modified (2'-OMe) at no extra charge for increased stability and enhanced knockdown in vitro and in vivo.
Applications Tested/Suitable for ZNF330 sirna	RNA Interference (RNAi)
Related Product Information for ZNF330 sirna	MBS8230058 is an siRNA targeting ZNF330. Also known as ZNF330 siRNA (Mouse). Reactive in Mouse. Host: Synthetic. siRNA to inhibit ZNF330 expression using RNA interference
Other Notes	Small volumes of ZNF330 sirna vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ZNF330. It may not necessarily be applicable to this product.

NCBI GI #	21704208

NCBI GeneID	30932
NCBI Accession #	NP_663575.1
UniProt Primary Accession #	Q922H9
UniProt Secondary Accession #	Q8C389; Q8K2M4
UniProt Related Accession #	Q922H9
GenBank Nucleotide #	NM_145600.1
NCBI Official Full Name	zinc finger protein 330
NCBI Official Synonym Full Names	zinc finger protein 330
NCBI Official Symbol	Zfp330
NCBI Official Synonym Symbols	Noa36; Znf330; BC008086
UniProt Protein Name	Zinc finger protein 330
UniProt Synonym Protein Names	Nucleolar autoantigen 36; Nucleolar cysteine-rich protein
Protein Family	Zinc finger protein
UniProt Gene Name	Znf330
UniProt Synonym Gene Names	Noa36; Zfp330
UniProt Entry Name	ZN330_MOUSE
NCBI Protein Information	zinc finger protein 330
UniProt Comments for ZNF330	ZNF330: a highly conserved zinc finger protein. Found at the nucleolus and the cytoplasm in interphase and transiently associates with centromeres in mitosis. Maps to the FRA4C locus previously described as a common fragile site for acquired chromosome instability in humans. Protein type: Unknown function; Nucleolus Cellular Component: nucleolus; midbody; chromosome; nucleus; chromosome, pericentric region Molecular Function: zinc ion binding; metal ion binding
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